

Alexander Seliukov

Senior Software Engineer — Backend · Budva, Montenegro

asexsela@gmail.com · +382 68 630 903 · [linkedin.com/in/alexander-selyukov](https://www.linkedin.com/in/alexander-selyukov) · github.com/asexsela

SUMMARY

Senior Backend Engineer with 8+ years designing and operating high-load, distributed systems in production. Deep expertise in PHP, Node.js, Go and Rust across event-driven microservices, payment platforms and Web3 integrations. Comfortable owning services end-to-end: API design, PostgreSQL modeling and query tuning, asynchronous messaging (Kafka, RabbitMQ, NATS), Docker and AWS deployment. I optimize for correctness, throughput and long-term maintainability.

CORE SKILLS

Languages: Go, Node.js / TypeScript, PHP, Rust, Java, Kotlin

Backend: REST, GraphQL, gRPC, WebSockets, Laravel, Symfony, NestJS, Express, Swoole

Databases: PostgreSQL (primary), Redis, MySQL, MongoDB, SurrealDB

Messaging: Kafka, RabbitMQ, NATS, Redis Streams

Cloud & Infra: AWS (EC2, ECS, ECR, S3), Docker, Linux, Nginx, Caddy, Ansible, GitLab CI/CD

Architecture: Microservices, DDD, CQRS, event-driven design, high-load & performance tuning

EXPERIENCE

Backend Engineer — Arcanite

Dec 2020 — Present · Remote

- Designed and shipped backend services in Go, Node.js and PHP powering payment, Web3 and internal platform products.
- Authored REST and GraphQL APIs with contract-first schemas and consistent error semantics adopted across teams.
- Modeled PostgreSQL schemas, tuned indexes and rewrote hot queries, cutting p95 latency on core endpoints.
- Built a high-throughput Kafka consumer in Rust to process transaction events with predictable back-pressure and zero data loss.
- Implemented a high-load NATS consumer in pure PHP with Swoole to sustain thousands of concurrent messages per instance.
- Delivered Kafka and RabbitMQ workers, Redis caching layers and idempotent job pipelines for asynchronous processing.
- Integrated third-party payment providers and on-chain Web3 flows with strict reconciliation and audit trails.
- Containerized services with Docker and shipped them to AWS (ECS, ECR, EC2, S3) via GitLab CI/CD pipelines.
- Drove architecture reviews, mentored engineers and led code reviews focused on correctness and operability.

Full Stack Developer — Laboratory.company

Jul 2020 — Dec 2020 · Remote

- Built Laravel backend services and Vue.js frontends for commercial web products.
- Designed relational schemas and REST APIs powering customer-facing flows.
- Integrated payment providers with reconciliation and webhook handling.

Frontend Developer — Placestart

Sep 2019 — Jul 2020 · Remote

- Delivered production SPAs in Vue.js for commercial clients.
- Collaborated with backend engineers on API contracts and integration testing.

Frontend Developer — Laboratory.company

Sep 2018 — Sep 2019 · Remote

- Built Vue.js applications, e-commerce storefronts and admin panels backed by REST APIs.

HIGHLIGHTS

- 8+ years shipping production backend systems.
- Rust Kafka consumer processing high-volume event streams with strict ordering guarantees.
- PHP + Swoole NATS consumer sustaining thousands of concurrent messages per node.
- PostgreSQL schema, index and query optimization on latency-critical paths.
- End-to-end delivery: API design, storage, messaging, Docker, AWS, CI/CD.

EDUCATION

Vologda College of Communication and Information Technologies — Communication Technologies

LANGUAGES

- Russian — Native
- English — B1 — professional working